

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/10712

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 H01S3/08 H01S5/14

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 283 795 A (FINK DAVID) 1 February 1994 (1994-02-01)	5,6,8
A	column 2, line 65 -column 3, line 22; figure 3	1-4,7, 9-12
A	US 4 601 036 A (MOCKER HANS W ET AL) 15 July 1986 (1986-07-15)	1-12
A	column 5, line 56-66; figure 5	
A	US 4 868 834 A (FOX JAY A ET AL) 19 September 1989 (1989-09-19)	1-12
A	column 1, line 65 -column 2, line 21; figure 1	
A	US 4 862 468 A (FINK DAVID) 29 August 1989 (1989-08-29)	1-12
	the whole document	

☐ Further documents are listed in the continuation of box C.

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Date of the actual completion of the international search

26 May 2003

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04/06/2003

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5283795	A	01-02-1994	NONE	
US 4601036	A	15-07-1986	CA 1223949 A1	07-07-1987
			DE 3335317 A1	05-04-1984
			GB 2129201 A	10-05-1984
			JP 1036987 B	03-08-1989
			JP 1551508 C	23-03-1990
			JP 59084487 A	16-05-1984
US 4868834	A	19-09-1989	NONE	
US 4862468	A	29-08-1989	EP 0311664 A1	19-04-1989
			JP 1503582 T	30-11-1989
			WO 8808631 A1	03-11-1988

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US 4862468	A	29-08-1989	EP 0311664 A1 JP 1503582 T WO 8808631 A1	19-04-1989 30-11-1989 03-11-1988